

## Free/Open Online Education – a snapshot

Institution & programme	No. courses available	Launched	License	Sample course	University credits	Course materials available	Notes
<b>MIT</b> <a href="#">Open Courseware (OCW)</a>	2,100	2002	CC-BY-NC-SA	<a href="#">Introductory Biology</a>	No	Courses available in various formats may include some or all of the following: lecture notes, online textbooks, assignments & solutions, exams & solutions, multimedia content	MIT was the 1 <sup>st</sup> higher education institution to commit to OCW, making available course materials for all undergraduate & graduate courses; many have followed MIT's lead, e.g. Yale, NYU, etc. (see <a href="#">OCW Consortium</a> )
<b>Yale</b> <a href="#">Open Yale Courses</a>	35	2007	CC-BY-NC-SA	<a href="#">Frontiers of Biomedical Engineering</a>	No	Lecture video/audio & transcript, reading list, lecture notes, review questions (also in iTunes, YouTube)	
<b>NYU</b> <a href="#">NYU Open Education</a>	6	2011	CC-BY-NC-SA	<a href="#">History of New York City: A Social History</a>	No	Lecture videos, reading list, links to Study Groups (also in iTunes, YouTube)	
<b>MIT</b> <a href="#">OCW Scholar</a>	8	2011	CC-BY-NC-SA	<a href="#">Linear Algebra</a>	No	Lecture videos & summary notes, problem-solving videos, Java Demonstrations, problem sets & solutions, exams & solutions, links to Study Groups	OCW Scholar was designed specifically for independent learners; these courses are more complete than typical OCW courses

<a href="#">MIT MITx</a>	1	2012	CC-BY-NC-SA	<a href="#">6.002x Circuits and Electronics</a> (begins March 5th )	Yes (MITx credit, not MIT credit)	All course materials, interactive instruction, online labs, online communication, assessment of student work	MITx is a pilot initiative in offering open, online education for MIT credit; 6.002x is the first course
Stanford on <a href="#">iTunes U</a>	13	2004	CC-BY-NC-SA	<a href="#">iPad and iPhone App Development</a>	No	Audio & video podcasts	This was Stanford's first foray into online education, similar to many other university offerings in iTunes U
Stanford Online Courses (no longer available)	3	2011	Copyright – access limited to registered users only	<a href="#">Machine Learning</a> ; Intro to AI; Intro to Databases	Certificate (no credit)	Lecture videos, exercises, mid-term & final exam (automatically scored), discussion forum	Hugely successful launch of 3 online courses last autumn – however, a new model for 2012 with Coursera & Udacity (see below)
<a href="#">Coursera</a> (still affiliated with Stanford)	16	2012	Copyright – access limited to registered users only	<a href="#">Human-Computer Interaction</a> (begins Feb.)	Certificate (no credit)	Lecture videos, quiz questions, assignments & exam (automatically scored)	Stanford will continue to offer free, online courses through <i>Coursera</i>
<a href="#">Udacity</a> (independent of Stanford)	2	2012	Copyright – access limited to registered users only	<a href="#">Building a Search Engine</a> (begins Feb. 20 <sup>th</sup> )	Certificate (no credit)	Lecture videos, programming problems, assignments & exam (automatically scored)	Sebastian Thrun has left Stanford to launch <i>Udacity</i> ; additional courses are planned
Independent of institutions: <a href="#">MOOCs</a> Massive Open Online Courses	12	2007	CC-BY-NC-SA	<a href="#">Connectivism &amp; Connective Knowledge 2012</a>	Yes/No (depends on the MOOC)	Connecting distributed instructors & learners, course materials are dispersed across the web; discussion & social media form an essential element	MOOCs have been offered <a href="#">since 2007</a> , sometimes with thousands of people taking part

NOTE: [Class Central](#) provides a summary of free, online courses from Stanford's Coursera, MIT's MITx and Udacity.



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